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COURSES ON AGING

UNIVERSITY OF MINNESOTA

1991-92

**ALL-UNIVERSITY COUNCIL ON AGING
CENTER FOR URBAN AND REGIONAL AFFAIRS
UNIVERSITY OF MINNESOTA**



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Compiled by Monica Colberg
All-University Council on Aging

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Center for Urban and Regional Affairs

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The University of Minnesota is committed to the policy that all persons
shall have equal access to its programs, facilities, and employment
without regard to race, religion, color, sex, national origin, handicap, age,
veteran status, or sexual orientation.

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HOW TO USE THIS COURSE GUIDE

There are many courses at the University of Minnesota that address aging. This catalogue includes courses in which aging is a primary focus. A few related courses are included that may be of interest to gerontology students.

This publication will complement the official bulletins and class schedules of the University of Minnesota. Please refer to them or contact the departments for specific information on class offerings. Prerequisites marked with # indicate that the consent of the instructor is required. No credit is given if credit has been received for the equivalent course.

Additions to the 1991-92 Course Guide

Eleven courses have been added to the guide from the previous year. Forty-three textual changes were made such as name of instructor, quarter offered, course description, title, or contact person. Twenty-one courses have been deleted from last year's guide, some of which are offered every other year.

THE ALL-UNIVERSITY COUNCIL ON AGING

This publication has been compiled by the All-University Council on Aging (AUCA), in the Center for Urban and Regional Affairs, at the University of Minnesota. AUCA uses a collaborative, interdisciplinary approach to the specific but diverse and expanding field of gerontology. Since its inception in 1975, AUCA has been an effective model of coordination and leadership for research, education, and service to the many parts of the University community that have an interest in aging.

AUCA has a 35-member Policy Committee that broadly represents the U of M disciplines involved in age-related research, curricula, and programming. The Chair or Interim Chair and the Unit Representatives are appointed by the Vice-Presidents for Academic Affairs; Health Sciences; and Agriculture, Forestry, and Human Ecology.

AUCA Mission Statement

The All-University Council on Aging encourages research and provides education in the field of aging. It serves as a bridge between University departments, colleges, and campuses, and as a link to the community. It is a resource to illuminate issues in gerontology. It provides leadership and service through a wide range of activities that reinforce an interdisciplinary view of the study of aging.

In addition to this course guide, AUCA publications include a periodic newsletter, *Aging: News*; a monograph, *Research on Aging, University of Minnesota, 1986-90*, that describes over 135 age-related projects of U of M faculty and doctoral students; and a brochure describing the University's Graduate Minor Program in Gerontology.

DEGREE PROGRAMS IN AGING

Students specialize in aging at the University of Minnesota through undergraduate, graduate, and post-doctoral and post-graduate programs. These programs are described below. Counseling for students interested in coursework or programs in aging is available through the AUCA office. For further information, call the All-University Council on Aging at 612/625-9099.

UNDERGRADUATE PROGRAMS

College of Human Ecology (formerly Home Economics)

Collateral in Gerontology

Designed for undergraduate students who wish to complement their major with a specialization in gerontology. Program requires 16 credits of prescribed courses and 12 credits of elective courses, as well as previous volunteer experience with the elderly or completion of a supervised field experience. Contact Director of Student Services, College of Human Ecology, at 612/624-1717.

College of Liberal Arts

Bachelor of Arts (BA) or Bachelor of Science (BS)

Major in one of the traditional disciplines, such as sociology, with appropriate aging courses in major and/or minor departments. The Department of Sociology specifically offers an undergraduate minor in aging. Department of Sociology office telephone: 612/624-4300.

Bachelor of Individualized Studies (BIS)

Coursework grouped into "areas" that may be departmental or inter-departmental in composition. Aging comprises one of these areas. One area may be from outside College of Liberal Arts. Eighty-five credits, of which seventy-five credits must be 3/5xxx level courses. BIS office telephone: 612/624-8006.

Individually Designed Inter-Departmental Major (IDIM)

Interdepartmental program of coursework on the theme of aging is developed in consultation with the student, faculty and staff advisors. Eighty credits in the major, of which sixty credits must be 3/5xxx level courses. Program leads to a BA. IDIM office telephone: 612/624-8006.

University College

Inter-College Program (ICP)

The ICP allows students to design a 180 credit interdisciplinary, inter-collegiate program leading to the B.A. or B.S. degree with an emphasis on aging drawn from many segments of the University. ICP office telephone: 612/624-2004.

Program for Individualized Learning (PIL)

PIL advisor and the student work closely to develop an individualized program in aging combining courses, directed study projects, and experiences. Program leads to the B.A. or B.S. degree. PIL office telephone: 612/624-4020.

GRADUATE PROGRAMS

The Minor in Gerontology is available for the M.A./M.S. or Ph.D. student. Alternatively, the master's related area and the doctoral supporting program requirement in gerontology may be met with courses on aging offered by many departments. Students who have focused in gerontology have majored in many departments including (but not limited to): Curriculum and Instruction (Adult Education); Dentistry; Design, Housing, and Apparel; Family Social Science; Nursing; Psychology; the Humphrey Institute of Public Affairs; Public Health; Social Work; and Sociology. Some of these programs are profiled below. For further information, contact the All-University Council on Aging at 612/625-9099.

Graduate Minor Program in Gerontology

The Graduate Minor Program in Gerontology provides a multidisciplinary foundation in gerontology and a concentration in at least two of the following four areas: biological or medical sciences; psychological, behavioral, or social sciences; humanities or fine arts; and public policy and practice, economics, law, or politics. The program is developed in consultation with the Director of Graduate Studies of the All-University Council on Aging.

At the master's level, the minor program requires a minimum of 9 graduate level quarter credits that includes the course Multidisciplinary Perspectives on Aging. The doctoral program requires a minimum of 18 graduate level quarter credits that includes the course Multidisciplinary Perspectives on Aging.

Thirty-one individuals from many disciplines comprise the faculty for the graduate minor program. For further information on the Graduate Minor Program in Gerontology, call the AUCA office at 612/625-9099.

School of Nursing

An MS is offered as well as the Ph.D. The master's level student may select the Gerontologic Nurse Practitioner track or the Gerontological Clinical Nurse Specialist track. For information call Mariah Snyder, Ph.D., Director of Graduate Studies, at 612/624-2686.

School of Social Work

An MSW is offered as well as the Ph.D. The master's level student may select from three concentration areas: family and children; health, mental health, and aging; and human service management. For further information contact the Director of Admissions at 612/624-5888. Students may elect to minor in gerontology.

PRE- AND POST-DOCTORAL OPPORTUNITIES

Interdisciplinary

The University of Minnesota, together with the Minneapolis VA Medical Center's GRECC program, offers pre-doctoral and post-doctoral training in the behavioral neuroscience of aging with funding from the National Institute on Aging. The goals of the training are to provide comprehensive, in-depth experience to prepare fellows to pursue basic, clinical, or applied research careers in aging; to enable trainees to be conversant with multi- and interdisciplinary environments and approaches in aging. This training program is focused on two major research areas: epidemiology/health services research/demographics and behavior pharmacology/cognition/behavior. Pre-doctoral trainees must be graduate students in the Departments of Psychology, Child Development, Epidemiology, or Health Services Research. Post-doctoral opportunities are available in these areas of specialization as well as in Neurology, Psychiatry, and Pharmacology. Contact Celia Wolk Gershenson, Ph.D., Coordinator, at 612/626-1557 or 725-2052.

POST-DOCTORAL AND POST-GRADUATE PROGRAMS

School of Dentistry

A post-doctoral academic (M.S.) geriatric dentistry degree program open to students who have obtained the D.D.S. Contact Stephen Shuman, D.D.S., M.S., Assistant Professor and Director of the Graduate Program in Oral Health Services for Older Adults at 612/626-0158.

Fellowship Program in Geriatric Academic Medicine and Dentistry

A two-year fellowship program designed to train physicians and dentists in geriatric academic medicine and dentistry. Applicants must have the M.D. or D.D.S. and be board eligible or board certified. Applicants may be from family practice, internal medicine, psychiatry, obstetrics and gynecology, rehabilitative medicine, or dentistry. Two physicians and one dentist will be admitted to the program each year. Contact Ken Hepburn, Ph.D., Coordinator, Fellowship Program in Geriatric Academic Medicine and Dentistry at 612/627-4977.

TWIN CITIES CAMPUS

ADULT EDUCATION (EDUCATION)

Departmental Contact: Howard Williams, Associate Professor, 625-5853

Offered Every Quarter

AdEd 5401 Adult Learning and Development. (3 cr; Joint Day/Extension class) Williams

Physiological, social and cultural basis of adult behavior, motivation, socialization, personality change as applied to education of adults.

Fall Quarter

AdEd 5104 Survey of Adult Education. (3 cr; prereq sr; Joint Day/Extension class) Instructor TBA (Scheduling tentative: check with department)

General concepts in the field; literature, objectives, history, philosophy, research, institutions and problems.

Fall and Spring Quarters

AdEd 5440 Multidisciplinary Perspectives on Aging. (4 cr; prereq soph; Joint Day/Extension class) Patten, Williams, AUCA staff

(Concurrent with CPsy 5305, HSU 5009, PA 5414, Phar 5009, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning; and leisure.

Winter Quarter

AdEd 5103 Adult Education Workshop: Educational Gerontology. (3 cr; prereq practicing adult educator or #; Joint Day/Extension class) Instructor TBA (Scheduling tentative: check with department)

Role of education in the instruction of older adults, in the instruction about older people and the aging process, and in the

instruction of professionals, paraprofessionals, and volunteers working with older adults.

Spring Quarter

AdEd 5104 Survey of Adult Education. (3 cr; prereq sr; Joint Day/Extension class) Instructor TBA (Scheduling tentative: check with department)

General concepts in the field; literature, objectives, history, philosophy, research, institutions, issues and problems.

AdEd 5301 Designing the Adult Education Program. (3 cr; Joint Day/Extension class) Instructor TBA
new Designing and implementing educational programs for adults: concepts, theories, determining needs, educational objectives, learning experiences, and evaluating outcomes.

Summer Session

AdEd 5401 Adult Learning and Development. (3 cr; Day class) Williams
Physiological, social and cultural basis of adult behavior, motivation, socialization, personality change as applied to education of adults.

CHILD PSYCHOLOGY

Departmental Contact: William R. Charlesworth, Director of Undergraduate Studies, 624-6599

Fall and Spring Quarters

CPsy 5305 Multidisciplinary Perspectives on Aging. (4 cr; prereq soph; Joint Day/Extension class) Patten, Tapp, AUCA faculty
(Concurrent with AdEd 5440, HSU 5009, PA 5414, Phar 5009, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning; leisure.

COMMUNICATION DISORDERS

Departmental Contact: Barbara London, Associate Administrator, 624-3322

Spring Quarter

CDis 5608 Language Assessment and Intervention-Adults. (4 cr; Joint Day/Extension class) Brookshire
Analysis of language disorders in adolescent and adult populations with special emphasis on assessment and intervention strategies applicable to aphasia and other neurogenic disorders.

DENTISTRY

Departmental Contact: Stephen Shuman, Assistant Professor and Director of Graduate Program in Oral Health Services for Older Adults, 626-0158. For further information, see page x of this publication.

Offered Every Quarter

Dent 5945 Geriatric Hospital Dentistry. (Arranged cr; prereq #; Day class) Shuman, Ofstehage
Rotations at the University of Minnesota Hospital Dental Clinic and/or the Minneapolis V.A. Medical Center Dental Clinic. Management of elderly patients in acute care settings. Dental management of patients compromised by medical therapies such as radiation treatment or chemotherapy, as well as those with acute illness.

Dent 5989 Advanced Clinical Geriatric Dentistry. (Arranged cr; prereq #; Day class) Shuman
Practical clinical experience in examination, diagnosis, treatment planning and treatment of older adult patients in the dental clinic at the Amherst H. Wilder Senior Health Center. Extensive case history reports reflecting the total social, psychological and physical aspects of the patient as well as the oral health status will be prepared and presented.

Fall, Winter, Spring Quarters

Dent 5990 Field Experience: Administration in a Multidisciplinary Health Center. (Arranged cr; prereq #; Day class) Smith
Administrative and management concerns related to the development of a dental service in a multidisciplinary care

facility for older adults. Field placement at the Amherst H. Wilder Senior Health Center and affiliated residencies.

Dent 5992-5993-5994 Oral Health Services for Older Adults. (Arranged cr; prereq #; Day class)
Shuman, Ofstehage, Smith

A series of seminars for graduate students which will focus on a broad variety of topics related to aging, the oral health of older adults, and the delivery of oral health services to older adults. Readings, discussions, and presentations by visiting lecturers will comprise the major teaching methods of the sequence.

DESIGN, HOUSING, AND APPAREL

Departmental Contact: Evelyn Franklin, Associate Professor, 624-2290 or 624-9700; Earl Morris, Professor, 624-3628

Winter Quarter

Hsg 5881 Designed Environments for Aging. (4 cr; prereq Hsg 3863 or Dsgn 1555 or #; Joint Day/Extension class) Franklin
(Formerly Dsgn 5581) Design of environments with potential to compensate for deficits in physical and mental functioning; emphasis on older adults and on barrier-free, flexible, and responsive physical environments.

EDUCATIONAL PSYCHOLOGY

Departmental Contact: Sande Hill, Executive Secretary, 624-7003

Fall Quarter

EPsy 5434 Counseling Adults in Transition. (3 cr; Joint Day/Extension class) Romano
Theoretical and empirical knowledge to provide bases for analyzing adaptation to transitions; applications of counseling interventions and training in coping skills to cases of life change.

FAMILY PRACTICE AND COMMUNITY HEALTH

Departmental Contacts: Joseph Keenan, Assistant Professor, 627-4943; Hal Seim, Assistant Professor, 624-0176

Offered All Eight Periods

FPCH 5515 Preceptorship in Gerontology and Geriatric Medicine. (9 cr; prereq registered medical school student; Day class) O'Neil

The student obtains clinical experience in geriatric medicine by participating in the care of elderly patients in the acute care hospital, the nursing home (skilled and intermediate care), the ambulatory clinical for independent living, and the home in conjunction with a private home health care service. Regularly scheduled rounds and conferences are presented by various members of the geriatric health care team. The student is expected to complete a specific project involving health care of the elderly.

Fall Quarter

FPCH 8230 Principles of Geriatric Medicine. (1 cr; prereq advanced level student with clinical background; Day class) Hepburn

Overview of normal aspects of aging from a biopsychosocial model, focusing on the unique problems and diseases which can occur in a geriatric population. Theories of aging, changes of aging and disease processes in the elderly, psychosocial issues relating to the developmental stage of the geriatric patient, and delivery of care issues will be explored. Course provides a clinical knowledge base for professionals involved in geriatric health care.

Winter Quarter

FPCH 8231 Principles of Geriatric Medicine. (1 cr; prereq advanced level student with clinical background; Day class) Boulton

Second in a series of three courses providing an overview of the moral aspects of aging from a biopsychosocial model. Each course may be taken independently. Psychological, social, cultural, and environmental changes of aging and the impact an illness, mental or physical, can have on the geriatric patient and their family, will be explored. Course provides a clinical knowledge base for professionals involved in geriatric health care.

Spring Quarter

FPCH 8232 **Principles of Geriatric Medicine.** (1 cr; prereq advanced level student with clinical background; Day class) Keenan

new

Third course in a series of three providing an overview to the moral aspects of aging from a biopsychosocial model. Each course may be taken independently. Course will explore the unique presentation of disease in the geriatric patient; diagnostic and therapeutic procedures for management of acute and chronic problems; principles of rehabilitation; health maintenance; multiple disease patterns; pharmacodynamic principles of drug therapy; case management and multidisciplinary teams in geriatric medicine. Course provides a clinical knowledge base for professionals involved in geriatric health care.

FAMILY SOCIAL SCIENCE

Departmental Contacts: Kathy Witherow, Associate Administrator, 625-1900 or 625-8771; William Goodman, Coordinator, 625-1900

Winter Quarter

FSoS 5253 **Humanities, Aging, and Family Life.** (4 cr; prereq FSoS 5200 or SW 5024 or equiv; Joint Day/Extension class) Yahnke

An overview of humanities (novels, short fiction; non-fiction, poetry, educational films) as they relate to the study of aging and family living. Emphasis on the experience of aging as it is perceived from the older person's point of view, especially as it relates to the experience of family living.

Summer Session 1992

FSoS 5251 **Aging Families.** (4 cr; prereq FSoS 5200 or SW 5024 or equiv; Joint Day/Extension class) Detzner
Aging families examined as complex developing systems interacting within a changing social structure. The dynamics of marital relationships, role changes, and family caregiving are explored and interactions between aging families, social service, and health care bureaucracies are analyzed.

FINANCE (See INDUSTRIAL RELATIONS)

FOOD SCIENCE AND NUTRITION

Departmental Contact: Shirley Thenen, 624-7425 or 624-1290

Fall, Winter, Spring, Summer Session I

FScN 1612 **Principles of Nutrition.** (4 cr; prereq high school biology and chemistry; Fall: Joint Day/Extension; Winter and SSI: Day; Spring: Extension class) Kurzer and staff

Fundamental concepts: human nutritional requirements, the function of nutrients, and nature of deficiencies. Vegetarianism, weight loss, fad diets, activity, obesity, cancer, heart disease, food processing, safety, and world food problems.

Winter Quarter

FScN 3612 **Biological Aspects of Nutrition.** (4 cr; prereq 1612 and Chem 3302 or equiv; Day class) Savaino
new Biological aspects: influence of biological changes throughout life cycle on nutrient requirements; needs as affected by exercise, digestion, absorption, energy and other nutrient balances; protein energy malnutrition, infection.

Spring Quarter

FScN 3610 **Community Nutrition.** (2 cr; prereq FScN 1612, 5 cr anthropology, psychology or sociology; Joint Day/Extension class) Darling

Focus on nutritional health services and education in United States and world-wide for various age groups as well as techniques for providing these in local communities.

GENERAL COLLEGE

Departmental Contact: Robert Yahnke, Professor, 625-0504 or 625-2880

Spring Quarter

GC 1136 Biological Aspects of Aging. (4 cr; Extension class) Dearden

An overview of the biological changes that occur with age, including a discussion of normal aging, common physical problems, diseases of the aged, drugs, preventive health care, the "activated patient" role, and the limits of intervention.

HEALTH SCIENCE UNITS

Departmental Contact: Suzanne Schoenfelt, HSU Courses, 624-7102; David Garloff, Chair, Health Sciences Educational Policy Committee, 624-5909

Students who wish to apply 5-level Health Science Units (HSU) courses toward M.Ed., M.P.H., and PharmD may do so under the terms of their approved degree programs. However, HSU courses do not qualify for Graduate School credit. Students who wish to obtain Graduate School credit for a 5-level course that is jointly listed with an HSU course must register for the course under the other department's course number and designator.

Fall and Spring Quarters

HSU 5009 Multidisciplinary Perspectives on Aging. (4 cr; prereq soph; Joint Day/Extension class) Patten, AUCA faculty

(Concurrent with AdEd 5440, CPsy 5305, PA 5414, Phar 5009, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning, leisure.

Winter Quarter

HSU 5031 Biology of Aging. (2 cr; Joint Day/Extension class) McKennell

(Concurrent with Phar 5007) Biological theories of aging are reviewed; biological changes associated with aging in selected organ systems including the cardiovascular, renal, gastrointestinal, respiratory, immune, central nervous, endocrine and reproductive systems. The nutritional needs of, and hearing disorders, visual changes, and medications in, the elderly are also examined. Physical changes due to normal aging are contrasted with those having a pathological basis.

Spring Quarter

HSU 5030 Humanities and Aging. (2 cr; Joint Day/Extension class) Yahnke

(Concurrent with Phar 5008) An examination of aging through the perspectives of literature, music, art, philosophy, and history. Discussion will focus on such topics as the historical experience of today's elderly cohort, paternalism, generational conflict, cross-cultural ceremonies of aging, and changing attitudes toward the elderly in America.

The following course is not primarily focused on aging issues but includes material of interest to students studying gerontology:

Spring Quarter

HSU 5029 Humanistic Case Studies in Health Care. (3 cr; Extension class) Galle

(Concurrent with Engl 5920, Phar 5305) An exploration of health care issues through their embodiment in selected modern plays and novels. Discussion will focus on the full human context in which health care decisions are made. Themes to be investigated include terminal care, the practitioner-patient relationship, the elderly patient, mental health and madness, and the politics of health care institutions. (Not a course in literary analysis.)

HISTORY

Departmental Contact: Clarke Chambers, Professor, 624-1089

Fall Quarter

Hist 5349 Social Welfare in America. (4 cr; Day class)
Chambers

Advanced survey of social services, public policies, and the profession of social work, colonial era to present. Issues include dependency, deviant populations, crime, social security, public health, social reform, the functions of public and voluntary institutions (charities, settlements).

INDUSTRIAL RELATIONS

Departmental Contact: James Scoville, Professor, 624-2500;
Andrew Whitman, Professor, 624-2500

Fall Quarter

IR 8025 Employee Benefits and Administration. (4 cr;
Joint Day/Extension Class; prereq 8005 or #)
Solhaug

Concepts and procedures for administration of employee benefits within both public and private sector organizations. Alternative benefit forms and alternative approaches to analyzing, planning, and contracting employee benefits. Includes procedures for development of individualized benefit systems and legal aspects of employee benefit administration.

Fall, Winter, and Spring Quarters

Ins 5100 Risk Management and Insurance. (4 cr; Day
class) Whitman

How to recognize and evaluate the property, liability, and personnel risks facing a business, a nonprofit organization, a government unit, or an individual or family. The tools of risk management—mainly retention, loss control, and insurance—and the conditions under which they should be used. Business property and liability insurance, social insurance, employee benefits, foreign expansion, and family risk management. How to select and deal with an insurer.

Fall and Spring Quarters

Ins 5100 Risk Management and Insurance. (4 cr; Extension
class) Whitman
See class description above.

INTERDISCIPLINARY MEDICINE

Departmental Contact: Joseph Keenan, Assistant Professor, 627-4943

Offered All Eight Periods

InMD 5500 Clinical Medicine IV: Ambulatory Medicine.
(9 cr; prereq third or fourth year medical student;
Day class) Howe, Keenan

Six-week course which includes sixty hours of classroom instruction and clinical experiences. Geriatrics is one of four selectives that the student may choose.

KINESIOLOGY (formerly PHYSICAL EDUCATION)

Departmental Contact: Robert Serfass, Associate Professor, 625-1007

Offered Every Quarter

KIN 5983 Readings. (Arranged [1 to 9] cr; prereq graduate
student; Day class) Serfass

Readings under tutorial guidance on exercise physiology, problems in coordination and control, postural stability and vision and the elderly.

NURSING

Departmental Contact: Muriel B. Ryden, Associate Professor, 624-6939 or 624-1100

Winter Quarter

**Nurs 5212 Introduction to Human Growth and Develop-
ment Across the Life Span.** (4 cr; prereq general
psychology and general biology; Day class)
Alaniz, De Hart

Introduction to human growth and development from conception to death using a life span approach. Physical, cognitive, social,

personality and moral domains will be explored with major theoretical viewpoints, and selected research strategies and findings.

Nurs 8050 Problems in Nursing. (1-4 arranged cr; prereq 8014 and #; Day class) Ryden
Seminar for graduate students in nursing working on Plan B programs or theses in gerontology.

Spring Quarter

Nurs 5620/8009 Behavior Problems in Persons with Dementia. (3 cr; prereq #; Joint Day/Extension class) Ryden
An exploration of the theories and research that contribute to understanding behavioral problems in dementia, and their relationship to clinical management.

OTOLARYNGOLOGY

Departmental Contact: Frank M. Lassman, Professor and Director of Graduate Studies, 625-3994 or 626-5775

Offered Every Quarter

Otol 5970 Directed Studies: Aging Auditory System. (arranged cr; prereq #; Day class) Lassman and faculty
Directed readings, pilot studies and preparation of reports on the structure and function of the aging auditory system.

PHARMACY (SOCIAL, ADMINISTRATION AND HOSPITAL PHARMACY)

Departmental Contact: David Guay, Associate Professor, 221-8732

Fall and Spring Quarters

Phar 5009 Multidisciplinary Perspectives on Aging. (4 cr; prereq soph; Joint Day/Extension class) Patten, Guay, AUCA staff
(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, PA 5414, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as

social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning; and leisure.

Winter Quarter

Phar 5007 Biology of Aging. (2 cr; prereq soph; Joint Day/Extension class) McKennell
(Concurrent with HSU 5031) Biological theories of aging are reviewed; biological changes associated with aging in selected organ systems including the cardiovascular, renal, gastrointestinal, respiratory, immune, central nervous, endocrine, and reproductive systems. The nutritional needs of, and hearing disorders, visual changes, and medications in, the elderly are also examined. Physical changes due to normal aging are contrasted with those having a pathological basis.

Spring Quarter

Phar 5008 Humanities and Aging. (2 cr; prereq soph; Joint Day/Extension class) Yahnke, Guay
(Concurrent with HSU 5030) Aging through the perspectives of literature, music, art, philosophy, and history. The historical experience of today's elderly cohort, paternalism, generational conflict, cross-cultural ceremonies of aging, and changing attitudes toward the elderly in America.

The following course is not primarily focused on aging issues but includes material of interest to students studying gerontology:

Spring Quarter

Phar 5305 Humanistic Case Studies in Health Care. (3 cr; Joint Day/Extension class) Galle
(Concurrent with Engl 5920, HSU 5029) An exploration of health care issues through their embodiment in selected modern plays and novels. Discussion will focus on the full human context in which health care decisions are made. Themes to be investigated include terminal care, the practitioner-patient relationship, the elderly patient, mental health and madness, and the politics of health care institutions. (Not a course in literary analysis.)

PHARMACY PRACTICE

Departmental Contact: David Guay, Associate Professor, 221-8732

Winter Quarter

Phar 5517 Pharmacotherapy in the Elderly. (2 cr; prereq third year pharmacy student or # ; Day class)
Larson

To educate and inform students of physiologic changes with aging, changes in drug disposition, and specific concerns with drug use in the elderly. Special emphasis on: long-term care facilities, age-associated diseases, pharmaco-economics and epidemiology, ethics, research and education.

PHYSICAL EDUCATION (See KINESIOLOGY)

PHYSICAL MEDICINE AND REHABILITATION (PROGRAMS IN OCCUPATIONAL THERAPY AND PHYSICAL THERAPY)

Departmental Contact: Louis Amundsen, Assistant Professor, 626-3591; Corinne Ellingham, Assistant Professor, 626-3554

Fall Quarter

PMed 5340 Human Development. (4 cr; prereq #; Day class)
Huss

Designed as a foundation course to acquaint students with the physiological, psychological and social development of the human being from conception to death.

Winter Quarter

PMed 5810 Assessment of the Elderly. (3 cr; prereq #; Joint Day/Extension class) Amundsen, Ellingham, Huss, DiFabio

Background information on the elderly person with emphasis on physical and functional capacity. Course includes lecture, laboratory and practical experiences with the elderly.

PSYCHOLOGY

Departmental Contact: Matthew McGue, Associate Professor, 625-8305

Winter Quarter

Psy 5138 Psychology of Aging. (4 cr; prereq Psy 5135, 5862, or #; Day class) McGue

Behavioral changes that occur in mid and late adulthood will be described and analyzed from psychological, biological and sociological perspectives. Methodology appropriate for studying behavioral aging and change will be described and applied to the cognitive and personality changes associated with aging. Although pathology will be considered, general focus will be on describing factors that contribute to the aging process.

PUBLIC AFFAIRS

Departmental Contact: Nancy Eustis, Professor, 625-4534 or 625-9505

Fall and Spring Quarters

PA 5414 Multidisciplinary Perspectives on Aging. (4 cr; prereq soph; Joint Day/Extension class) Patten, Eustis, AUCA faculty

(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, Phar 5009, PubH 5737, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning and leisure.

Fall Quarter

PA 5433 Social Welfare Reform and Income Support Policy. (3 cr; prereq graduate or #; Joint Day/Extension class) Patten

Analysis of major issues including poverty, income redistribution, equality, criteria for evaluating programs, development and impact of current income maintenance systems. Limited analysis of selected existing or proposed programs; policy alternatives and their related consequences. Papers in memorandum form emphasizing analytical skills required.

PA 5967 U.S. Policy Toward World Population Growth.
(3 cr; prereq graduate student, adult special or #;
Day class) Ahlburg

A multidisciplinary seminar focusing on relationship between population growth and economic development; relationship between population growth and the environment; the desirability of policy levers to control population growth for third-world, and effect of U.S. policy on third-world population.

Spring Quarter

PA 5413 Aging Policy. (3 cr; Joint Day Extension class)
new Eustis

Analysis of major issues in aging field. Objectives include understanding public program and policies benefitting the elderly; gaining skill in analyzing and evaluating public programs and policies; understanding the dimensions of public policy issues and choices; and examining a program or policy in depth including its present status and impacts as well as proposed improvements.

PUBLIC HEALTH

Departmental Contacts: Rosalie Kane, Professor, 624-3198;
Sharon Ostwald, Assistant Professor, 625-4993

Fall and Spring Quarters

PubH 5737 Multidisciplinary Perspectives on Aging. (4 cr;
prereq soph; Joint Day/Extension class) Patten,
Kane, Oswald, AUCA faculty

(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, PA 5414, Phar 5009, Soc 5960, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning and leisure.

Offered Every Quarter

PubH 5784 Issues in Long-Term Health Care. (2 cr;
Extension class) Gordon and staff

Reading course on topics affecting long-term health care: changing delivery of acute care services, right to die issues, patients'

rights, patient responsibilities for health, and moral and ethical issues facing health care professionals.

Fall, Winter, and Summer Session

PubH 5782 Practicum in Long-Term Care Administration.
(6 cr; prereq 5780, 5781 or #; Extension class)
Gordon

A 400-hour practicum in a nursing home setting under the guidance of a preceptor. Includes a three-day seminar on campus.

Fall Quarter

PubH 5749 Administration of Services to an Aging Clientele.
(3 cr; Day class) Gordon

Management within long-term care organizations. Emphasis on institutional living in nursing homes. Consists of lectures, field visits and research papers.

PubH 5780 Administration and Law in Long-Term Care.
(2-6 cr; Extension class) Gordon

Minnesota Board of Licensure approved course for nursing home administrators. Approved for three areas of content: management (4 cr), health care law (2 cr), or management, health care law and human resource management (6 cr). Course combines on-campus seminars (September 12, 13, 14, and December 6), correspondence study, and final examination.

PubH 5781 Gerontology and Services in Long-Term Care Patients. (2-6 arranged cr; Extension class)
Gordon

A course combining five days of on-campus seminars with independent study. Psychosocial gerontology as base for planning and identifying services and programs in long-term care organizations.

Winter Quarter

PubH 5736 The Elderly: A High-Risk Population. (3 cr;
prereq upper div or grad ; Joint Day/Extension
class) Ostwald

Focus on characteristics that place the over 65 age group at high risk for disability, institutionalization, and death. Health maintenance, rehabilitation, and alternatives to institutionalization.

PubH 5932 Nutrition: Adults and the Elderly. (3 cr; prereq 3000 level nutrition course or equivalent number; Joint Day/Extension class) Krinke
Review of current literature and research on nutrient needs and factors affecting nutritional status of adults and the elderly.

PubH 8803 Long-term Care: Principles and Policies. (3 cr; Day class) Rosalie Kane
(Concurrent with SW 8450) Course deals with long-term care policy for functionally-impaired persons, particularly the elderly. Course is grounded in the research literature on evidence of program effects. Attention given to innovative programs addressing current disconnections.

Spring Quarter

PubH 5783 Management Uses of Financial Information Systems in Long-Term Care. (6 cr; Extension class) Gordon
Basic tools of financial management for the long-term health care facility. Opportunity for practical application of these tools in class and at the work site for students working in long-term care facilities.

Summer Session I

PubH 5770 Public Policy, Regulation, and Compliance. (2 cr; Extension class) Gordon
A course in the funding mechanisms and regulatory compliance aspects currently in force for the long-term care industry.

Summer Session II

PubH 5770 Management Information Systems in Long-Term Care. (2 cr; Extension class) Gordon
Introduction to the basic technology and concepts of computer supported management information systems for students who are pursuing the prelicensure program for long-term care administrators.

RECREATION, PARK AND LEISURE STUDIES

Departmental Contact: Caroline Weiss, Associate Professor, 625-7590

Fall, Winter, Spring Quarters

Rec 5981 Problems. (Arranged cr; prereq MED or MA student or #; Day class) Weiss
Focus on conduct of recreation programs for the elderly.

Spring Quarter

Rec 5240 Recreation and Aging. (4 cr; prereq Rec 3540 or 5100 or #; Day class) Weiss
Examines the array of leisure services in the community and in the institution for aging individuals. Contact the instructor for further information.

SOCIAL WORK

Departmental Contact: Jan Goodno, Student Personnel Worker, 624-9010

Fall and Spring Quarters

SW 5024 Multidisciplinary Perspectives on Aging. (4 cr; prereq soph; Joint Day/Extension class) Patten, Kane, AUCA faculty
(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, PA 5414, Phar 5009, PubH 5737, Soc 5960) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement; lifelong learning and leisure.

Fall, Winter, Spring Quarters

SW 3970/8970 Special Topics: Individualized Research in Aging. (Arranged cr; prereq #; Day class) Kane, Quam, Abramson, Kivnick
Independent study under tutorial guidance.

Fall and Winter Quarters

SW 5211 Advanced Theories of Human Growth and Change. (3 cr for graduate students; 4 cr for undergraduates; prereq graduate standing or 12 cr in social sciences; Joint Day/Extension class) Kivnick
Socio-psycho-biological factors associated with individual and group development as applied to social work practice.

Winter Quarter

SW 8450 Long-Term Care: Principles and Policies. (3 cr; prereq graduate student; Day class) Rosalie Kane
(Concurrent with PubH 8803) Course deals with long-term care policy for functionally-impaired persons, particularly the elderly. Course is grounded in the research literature on evidence of program effects. Attention given to innovative programs addressing current disconnections.

Spring Quarter

SW 5013 Interdisciplinary Team Training in Health Services Delivery. (3 cr; prereq soph; Joint Day/Extension class) Berkeland, Sullivan
Interdisciplinary team development with application to public health, human service projects, didactic content, experiential methods, activities to develop attitudes, skills essential to effective team goal setting, decision making, problem-solving, and task accomplishment.

SW 5211 Advanced Theories of Human Growth and Change. (3 cr for graduate students; 4 cr for undergraduates; prereq graduate standing or 12 cr in social sciences; Extension class) Kivnick
Socio-psycho-biological factors associated with individual and group development as applied to social work practice.

SOCIOLOGY

Departmental Contacts: Donald McTavish, Professor, 624-4075, Katherine Simon Frank, Coordinator of Undergraduate Advising, 624-7326 or 624-4300. NOTE: Sociology courses offered in the daytime may be registered for through Extension if the course is not also offered in the evening the same quarter. Contact Continuing Education and Extension for further information.

Fall and Spring Quarters

Soc 5960 Multidisciplinary Perspectives on Aging. (4 cr; prereq soph; Joint Day/Extension class) Patten, McTavish, AUCA faculty
(Concurrent with AdEd 5440, CPsy 5305, HSU 5009, PA 5414, Phar 5009, PubH 5737, SW 5024) A multidisciplinary introduction to aging and the aging process. Topics include biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults in America; human services and their delivery systems such as social services, health, nutrition, long-term care, and education; public policy and legislation; environments and housing; advocates; retirement, lifelong learning, leisure.

Spring Quarter

Soc 3937 Social Gerontology: Elders in American Society. (4 cr; prereq Soc 1001 or #; Day class) McTavish
Situations and problems facing aging people in modern societies. Aspects of human aging from a sociological perspective.

Soc 5956 Sociology of Death. (4 cr; prereq jr or sr, 8 cr in sociology, or #; Day class) Fulton
Issues and problems that mortality presents in contemporary society.

The following courses are not primarily focused on aging issues but include material of interest to students studying gerontology.

Fall Quarter

Soc 3960 Topics in Sociology: Population Problems in Asian Countries. (4 cr; prereq 1001 or #; Extension class) Jin
new
The necessity and significance of studying the population problems of Asian countries. The current situation of Asian population and population problems. The solution to Asian population problems.

Soc 5855 Sociology of Medicine and Health Care: An Introduction to Medical Sociology. (4 cr; prereq PubH 5790, sr, or grad; Day class) Litman
Social factors associated with incidence of physical and mental illness and treatment. Social organization of medical institutions. Public needs and medical services. Sociology of aging, social problems of the aged.

Fall and Winter Quarters

Soc 3501 Family System. (4 cr; prereq 1001 or #; Extension class) McLeod, Reiss
The family in contemporary American society with attention to historical and cross-cultural comparisons; interrelationships with other social institutions, socialization, patterns of mate selection, life cycle processes and norms of human sexuality.

Winter Quarter

Soc 3551 World Population Problems. (4 cr; Extension class) Kennedy
Population growth and natural resources, population dynamics, fertility and mortality in less developed nations, population forecasts, population policies to reduce fertility.

Winter and Spring Quarters

Soc 3501 Family System. (4 cr; prereq 1001 or #; Day class) McLeod, Reiss
The family in contemporary American society with attention to historical and cross-cultural comparisons; interrelationships with other social institutions, socialization, patterns of mate selection, life cycle processes and norms of human sexuality.

Spring Quarter

Soc 8855 Seminar: Health and Human Behavior. (3 cr; new (Concurrent with PubH 8770) prereq 5855, PubH 5970, or #; Day class) Litman
Social etiology of health; social and personal components of illness; health and the community; social and cultural aspects of health care services.

COORDINATE CAMPUSES—CROOKSTON

Campus Contact: Glenice Johnson, Assistant Professor, 218/281-6510, ext. 408

HOSPITALITY AND HOME ECONOMICS DIVISION

Winter Quarter

CD 1204 Adult Development. (4 cr; Day class) Johnson
Human behavior and development from young adulthood through old age. Emphasis on physical, cognitive, social and emotional development.

FScN 1273 Modified Diets. (3 cr; Day class) Stewart
Development of diet for hospitals, nursing homes, penal institutions and summer camps with regard to age, activity, and condition of resident or patient.

Spring Quarter

FScN 1412 Nutrition Through the Life Cycle II. (2 cr; Day class) Stewart
Nutritional needs during the adult and later years. Format includes lectures, films and guest speakers.

Soc 3937 Social Gerontology: Elders in American Society. (4 cr; Joint Day/Extension class) Johnson
Overview of demographic data and projections pertinent to the over-65 population in the United States. Characteristics, changes, and concerns of older persons including physiological, psychological, social, economic, and political factors associated with age. Includes individual work with an older adult.

COORDINATE CAMPUSES-DULUTH

Campus Contact: Janine Watts, Associate Professor, Department of Child and Family Development, 218/726-8186

COMMUNICATION DISORDERS

Winter Quarter

CD 8205 Adult Language Disorders. (3 cr; prereq #; Day class) Mizuko
Theoretical and practical study of language disorders.

Summer Quarter

CD 5500 Communication Disorders in Chronically Ill and Aged. (3 cr; Day class) Hawk (Scheduling tentative: check with department)
Communication skills in the chronically ill and aged and the roles communication plays in the total rehabilitation and/or adjustment of patients. Emphasis on consideration of patient care needs in light of the nature and extent of communication description.

CD 8305 Clinical Seminar: The Aurally Impaired. (3 cr; prereq #; Day class) Loven
Theoretical and practical study of aurally impaired individuals. Submission of a satisfactory paper plus a case study.

FAMILY LIFE

Winter Quarter

FamL 5325 Educating Adults. (3 cr; prereq sr or grad or #; Day class) Collins
Adult learning and development. Planning, presenting, and evaluating formal and informal educational programs for adults.

FamL 5645 The Elderly in Families. (3 cr; prereq 1655 or #; Day class) Watts
Nature and importance of family relationships among elderly persons; factors affecting marriage, divorce, and widowhood; interaction with adult children and grandchildren.

SOCIAL WORK

Spring Quarter

SW 8233 Practice with Elderly. (3 cr; prereq 8003 or 8005 or #; Day class offered in the evening) Pascoe
new Assessment, intervention, and evaluation knowledge and skills needed to provide quality services for the elderly.

COORDINATE CAMPUSES—MORRIS

Campus Contact: Ellen Ordway, Professor of Biology, 612/589-2211, extension 6308; or instructor

PSYCHOLOGY

Spring Quarter

Psy 3502 **Developmental Psychology III: Adulthood, Aging, and Death.** (1-5 arranged cr; prereq 1201 and 1202 or #; Day class) Benson, Dalco
Introduction to theory, data, and research concerning the age group from young adulthood to old age. Emphasis on physical, cognitive, and social changes.

COORDINATE CAMPUSES—ROCHESTER CEE CENTER

Campus Contact: Helen McDermott, Program Director, 507/288-4584 or 612/224-2263

Winter Quarter

HSU 5031 **Biology of Aging.** (2 cr; Joint Day/Extension class offered via UNITE Instructional Television System) McKennell, AUCA faculty
(Concurrent with Phar 5007) Biological theories of aging are reviewed; biological changes associated with aging in selected organ systems including the cardiovascular, renal, gastrointestinal, respiratory, immune, central nervous, endocrine and reproductive systems. The nutritional needs of, and hearing disorders, visual changes, and medications in, the elderly are also examined. Physical changes due to normal aging are contrasted with those having a pathological basis.

Spring Quarter

new **PubH 5932** **Nutrition and the Elderly.** (3 cr; prereq 3000 level nutrition course or equiv or #; Joint Day Extension class offered via UNITE Instructional Television System) Krinke
Review of current literature and research on nutrient needs and factors affecting nutritional status of the elderly.

new **Psy 5138** **Topics in Differential Psychology.** (4 cr; prereq 3135 or 5135, 5862 or #) Westphal
Behavioral changes that occur in mid- and late-adulthood analyzed from psychological, biological, and sociological perspectives. Methodologies appropriate for studying behavior change described and applied to the cognitive and personality changes associated with aging.

COORDINATE CAMPUSES--WASECA

Campus Contact: Shirley Murray, Instructor, 507/835-9249.

FOOD INDUSTRY AND TECHNOLOGY

Spring Quarter

Food 1432 Nutrition Through the Life Cycle. (2 cr; Day class) Wilson

Application of the principles of nutrition to meet the special requirements of growth, development, maintenance, and aging. The influence of various life stages and styles on diet and food patterns. Emphasis on professional education for nutritional care of various age groups.

HOME AND FAMILY SERVICES

Offered Every Quarter

HFSc 1059 Directed Studies in Aging. (1-3 arranged cr; Day class) TBA

Individual study or a project in some field related to aging.

Fall Quarter

HFSc 1122 Overview of Adult Disabilities. (3 cr; Day class) TBA

A study of various physical and mental disabilities which affect adults. Emphasis on overview knowledge of the various disabilities, mental illnesses and chemical dependency. Discussion of strategies to enable persons with disabilities to take an active part in community life.

HFSc 1184 Introduction to Gerontology. (4 cr; Day class) Murray

Human physical, psychological and social changes resulting from time-dependent factors. Emphasis on how these changes affect relationships within society.

HFSc 1194 Lifespan Development. (4 cr; Day class) Allaire
Study of human development throughout the entire lifespan. Examine the years from birth through old age with special emphasis on the adult years. Discuss physical, emotional, and social changes that accompany growing older.

HFSc 1533 Family Food Preparation--Regular and Special Diets. (3 cr; Day class) Wilson

Development of techniques in food preparation. Standards of evaluation of food products. Fundamentals of menu planning, food purchasing, safe preparation, and meal service with emphasis on foods for the young children and foods for the elderly. Special emphasis will be placed on planning modified diets and preparation of appropriate foods.

Winter Quarter

HFSc 1133 Instructional Techniques for Persons with Disabilities. (4 cr; Day class) Enquist

Discussion of various techniques utilized in assisting disabled adults to learn or regain skills. Behavioral intervention, task analysis techniques, and various skills utilized in job coaching will be included.

HFSc 1482 Health Issues and the Elderly. (2 cr; Day class) TBA

Major health problems of the elderly will be explored. Techniques will be learned on how to interact with them most effectively taking their health condition into consideration. Major focus will be on establishing wellness programs.

HFSc 1813 Issues in Family Life. (3 cr; Day class) TBA

Study of the dynamics of marriage throughout various stages of life. Elements of positive relationships as well as problems and adjustments. Contemporary concerns of the family. Alternate lifestyles.

HFSc 1832 Documentation and Regulations in Human Services Program. (2 cr; prereq 1184; Day class) TBA

A study of the state and federal regulations which mandate documentation of services in human services facilities. Special emphasis will be placed on practical experience in methods of documentation as they pertain to activity professionals. Different types of documentation will be learned.

Spring Quarter

HFSc 1384 Practicum-Services for the Rural Elderly. (4 cr; prereq 1184; Day class) TBA

Students interact with older adults through and in cooperation with outside agencies. Application of knowledge of various aspects of the aging process in development of skills needed for

working with the elderly. Public laws, services and resources that affect this age group.

HFSc 1582 Death and Dying. (2 cr; Day class) TBA

The significance of death in human life, individual as well as social. Emphasis on understanding the students' own feelings and attitudes toward death and dying and others who are experiencing it.

HFSc 1714 Therapeutic Activities for the Elderly. (4 cr; Day class) TBA

A study of the administration of a therapeutic program for the elderly, including program planning, resources, activities and adaptation of activities for all groups. Special emphasis will be placed on practical experience in long-term care facilities.